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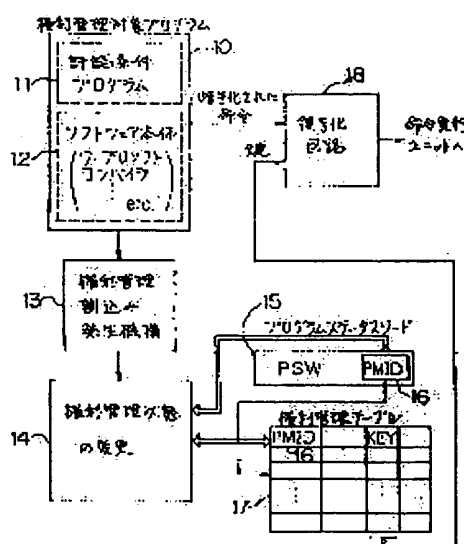
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(54) SOFTWARE RIGHT MANAGEMENT CONTROL METHOD

(57)Abstract:

PURPOSE: To perform the right management superior in maintainability and flexibility in the environment of multiprogramming by individually assigning the key, with which ciphered instructions are deciphered, to a program or a program group as the right management object and switching the deciphering keys by a right management interrupt.

CONSTITUTION: A right management interrupt generating mechanism 13 which controls the change related to the right management state is provided independently of the supervisor interrupt which starts the processing function of an operating system or the like. When the right management interrupt is generated by the right management interrupt generating mechanism 13, the right management state is saved to a right management table 17 and a current right management ID 16 of a program status word 15 is changed by a right management state change processing 14, and the key with which instructions are deciphered is switched. Thus, right management in the environment of multiprogramming is possible.



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